Docket: 680-075US

## <u>Abstract</u>

A method and apparatus are disclosed for enabling coexistence in a wireless localarea network between legacy stations and stations that can transmit higher-bandwidth signals. The illustrative embodiment employs a transceiver that can transmit and receive higher-bandwidth signals over a combination of two or more shared-communications channels, and an enhanced medium access control (MAC) protocol by which stations progressively reserve channels before transmitting higher-bandwidth signals.